



**Minnesota Pollution
Control Agency**

520 Lafayette Road North
St. Paul, MN 55155-4194

MS4 SWPPP Application for Reauthorization

for the NPDES/SDS General Small Municipal Separate
Storm Sewer System (MS4) Permit MNR040000
reissued with an effective date of August 1, 2013
Stormwater Pollution Prevention Program (SWPPP) Document

Doc Type: Permit Application

Instructions: This application is for authorization to discharge stormwater associated with Municipal Separate Storm Sewer Systems (MS4s) under the National Pollutant Discharge Elimination System/State Disposal System (NPDES/SDS) Permit Program. **No fee** is required with the submittal of this application. Please refer to "Example" for detailed instructions found on the Minnesota Pollution Control Agency (MPCA) MS4 website at <http://www.pca.state.mn.us/ms4>.

Submittal: This MS4 SWPPP Application for Reauthorization form must be submitted electronically via e-mail to the MPCA at ms4permitprogram.pca@state.mn.us from the person that is duly authorized to certify this form. All questions with an asterisk (*) are required fields. All applications will be returned if required fields are not completed.

Questions: Contact Claudia Hochstein at 651-757-2881 or claudia.hochstein@state.mn.us, Dan Miller at 651-757-2246 or daniel.miller@state.mn.us, or call toll-free at 800-657-3864.

General Contact Information (*Required fields)

MS4 Owner (with ownership or operational responsibility, or control of the MS4)

*MS4 permittee name: City of Spring Lake Park *County: Anoka/Ramsey
(city, county, municipality, government agency or other entity)

*Mailing address: 1301 81st Avenue NE

*City: Spring Lake Park *State: MN *Zip code: 55432

*Phone (including area code): 763-784-6491 *E-mail: info@slpmn.org

MS4 General contact (with Stormwater Pollution Prevention Program [SWPPP] implementation responsibility)

*Last name: Buchholtz *First name: Daniel
(department head, MS4 coordinator, consultant, etc.)

*Title: City Administrator

*Mailing address: 1301 81st Avenue NE

*City: Spring Lake Park *State: MN *Zip code: 55432

*Phone (including area code): 763-784-6491 *E-mail: dbuchholtz@slpmn.org

Preparer information (complete if SWPPP application is prepared by a party other than MS4 General contact)

Last name: Schleeter First name: Brad
(department head, MS4 coordinator, consultant, etc.)

Title: Project Manager

Mailing address: 2335 W Highway 36

City: St. Paul State: MN Zip code: 55113

Phone (including area code): 651-604-4801 E-mail: brad.schleeter@stantec.com

Verification

1. I seek to continue discharging stormwater associated with a small MS4 after the effective date of this Permit, and shall submit this MS4 SWPPP Application for Reauthorization form, in accordance with the schedule in Appendix A, Table 1, with the SWPPP document completed in accordance with the Permit (Part II.D.). ☒ Yes
2. I have read and understand the NPDES/SDS MS4 General Permit and certify that we intend to comply with all requirements of the Permit. ☒ Yes

Certification (All fields are required)

- ☒ Yes - I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted.

I certify that based on my inquiry of the person, or persons, who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete.

I am aware that there are significant penalties for submitting false information, including the possibility of civil and criminal penalties.

This certification is required by Minn. Stat. §§ 7001.0070 and 7001.0540. The authorized person with overall, MS4 legal responsibility must certify the application (principal executive officer or a ranking elected official).

By typing my name in the following box, I certify the above statements to be true and correct, to the best of my knowledge, and that this information can be used for the purpose of processing my application.

Name: Daniel Buchholtz
(This document has been electronically signed)

Title: City Administrator, Clerk-Treasurer Date (mm/dd/yyyy): 12/30/13

Mailing address: 1301 81st Avenue NE

City: Spring Lake Park State: MN Zip code: 55432

Phone (including area code): 763-784-6491 E-mail: dbuchholtz@slpmn.org

Note: The application will not be
processed without certification.

Stormwater Pollution Prevention Program Document

I. Partnerships: (Part II.D.1)

- A. List the **regulated small MS4(s)** with which you have established a partnership in order to satisfy one or more requirements of this Permit. Indicate which Minimum Control Measure (MCM) requirements or other program components that each partnership helps to accomplish (List all that apply). Check the box below if you currently have no established partnerships with other regulated MS4s. If you have more than five partnerships, hit the tab key after the last line to generate a new row.

☐ No partnerships with regulated small MS4s

Name and description of partnership	MCM/Other permit requirements involved
Rice Creek Watershed District The District provides us with various stormwater related articles that are included in our newsletters and handouts/brochures City coordinates plan review activities with the District	MCM 1, MCM 5
Coon Creek Watershed District The District provides us with various stormwater related articles that are included in our newsletters and handouts/brochures City coordinates plan review activities with the District	MCM 1, MCM 5
Coordinate spill response capabilities with the Cities of Blaine and Mounds View, through the Spring Lake Park/Blaine/Mounds View Fire Department.	MCM 3

- B. If you have additional information that you would like to communicate about your partnerships with other regulated small MS4(s), provide it in the space below, or include an attachment to the SWPPP Document, with the following file naming convention: *MS4NameHere_Partnerships*.

II. Description of Regulatory Mechanisms: (Part II.D.2)

Illicit discharges

- A. Do you have a regulatory mechanism(s) that effectively prohibits non-stormwater discharges into your small MS4, except those non-stormwater discharges authorized under the Permit (Part III.D.3.b.)? ☐ Yes ☒ No

1. If **yes**:

- a. Check which *type* of regulatory mechanism(s) your organization has (check all that apply):

☐ Ordinance ☐ Contract language
☐ Policy/Standards ☐ Permits
☐ Rules
☐ Other, explain: _____

- b. Provide either a direct link to the mechanism selected above or attach it as an electronic document to this form; or if your regulatory mechanism is either an Ordinance or a Rule, you may provide a citation:

Citation:

Storm Water Illicit Discharge and Illicit Connection Ordinance (Section 52)

Direct link:

☒ Check here if attaching an electronic copy of your regulatory mechanism, with the following file naming convention: *MS4NameHere_IDDEreg*.

2. If **no**:

Describe the tasks and corresponding schedules that will be taken to assure that, within 12 months of the date permit coverage is extended, this permit requirement is met:

We have a strong Storm Water Illicit Discharge and Illicit Connection ordinance (Chapter 52 in City Code) that meets the majority of what the MPCA considers an effective regulatory mechanism for illicit discharges. A copy of this ordinance is attached for reference. We will revise this ordinance to address the following MS4 permit requirements:

- *Clearly prohibit non-stormwater discharges to your MS4 or watercourses*
- *Clearly define non-stormwater*

We will complete these ordinance updates within 12 months of the date permit coverage is extended.

Construction site stormwater runoff control

A. Do you have a regulatory mechanism(s) that establishes requirements for erosion and sediment controls and waste controls? ☒ Yes ☐ No

1. If **yes**:

a. Check which *type* of regulatory mechanism(s) your organization has (check all that apply):

- ☒ Ordinance ☐ Contract language
- ☒ Policy/Standards ☐ Permits
- ☐ Rules
- ☐ Other, explain: _____

b. Provide either a direct link to the mechanism selected above or attach it as an electronic document to this form; or if your regulatory mechanism is either an Ordinance or a Rule, you may provide a citation:

Citation:

- *Construction Site Runoff Control Ordinance (Section 150.200)*
- *Local Surface Water Management Plan Section 7.2.5*

Direct link:

☒ Check here if attaching an electronic copy of your regulatory mechanism, with the following file naming convention: *MS4NameHere_CSWreg*.

B. Is your regulatory mechanism at least as stringent as the MPCA general permit to Discharge Stormwater Associated with Construction Activity (as of the effective date of the MS4 Permit)? ☐ Yes ☒ No

If you answered **yes** to the above question, proceed to C.

If you answered **no** to either of the above permit requirements listed in A. or B., describe the tasks and corresponding schedules that will be taken to assure that, within 12 months of the date permit coverage is extended, these permit requirements are met:

B: We will update our Construction Site Runoff Control Ordinance and other construction site stormwater runoff control regulatory mechanisms to be at least as stringent as the MPCA Construction Stormwater (CSW) permit. We will use the Construction Site Stormwater Runoff Control guidance documents provided by the MPCA to review the City's existing regulatory mechanisms to identify any deficiencies with the CSW Permit. We will complete this review and subsequent updates to our regulatory mechanisms within 12 months of the date permit coverage is extended.

C. Answer **yes** or **no** to indicate whether your regulatory mechanism(s) requires owners and operators of construction activity to develop site plans that incorporate the following erosion and sediment controls and waste controls as described in the Permit (Part III.D.4.a.(1)-(8)), and as listed below:

- 1. Best Management Practices (BMPs) to minimize erosion. ☒ Yes ☐ No
- 2. BMPs to minimize the discharge of sediment and other pollutants. ☒ Yes ☐ No
- 3. BMPs for dewatering activities. ☒ Yes ☐ No
- 4. Site inspections and records of rainfall events ☒ Yes ☐ No
- 5. BMP maintenance ☒ Yes ☐ No
- 6. Management of solid and hazardous wastes on each project site. ☒ Yes ☐ No
- 7. Final stabilization upon the completion of construction activity, including the use of perennial ☐ Yes ☒ No

vegetative cover on all exposed soils or other equivalent means.

8. Criteria for the use of temporary sediment basins.

☒ Yes ☐ No

If you answered **no** to any of the above permit requirements, describe the tasks and corresponding schedules that will be taken to assure that, within 12 months of the date permit coverage is extended, these permit requirements are met:

C.7 - we will revise the ordinance section on final stabilization to specifically mention the use of perennial vegetative cover on all exposed soils and complete this action within 12 months of the date permit coverage is extended.

Post-construction stormwater management

A. Do you have a regulatory mechanism(s) to address post-construction stormwater management activities?

☒ Yes ☐ No

1. If **yes**:

a. Check which type of regulatory mechanism(s) your organization has (check all that apply):

- ☒ Ordinance ☐ Contract language
☒ Policy/Standards ☐ Permits
☐ Rules
☐ Other, explain: _____

b. Provide either a direct link to the mechanism selected above or attach it as an electronic document to this form; or if your regulatory mechanism is either an Ordinance or a Rule, you may provide a citation:

Citation:

- *Site Plan Review Ordinance (Section 156.115)*

- *Local Surface Water Management Plan Section 7.2.1 to 7.2.4*

Direct link:

☒ Check here if attaching an electronic copy of your regulatory mechanism, with the following file naming convention: *MS4NameHere_PostCSWreg*.

B. Answer **yes** or **no** below to indicate whether you have a regulatory mechanism(s) in place that meets the following requirements as described in the Permit (Part III.D.5.a.):

1. **Site plan review:** Requirements that owners and/or operators of construction activity submit site plans with post-construction stormwater management BMPs to the permittee for review and approval, prior to start of construction activity. ☐ Yes ☒ No
2. **Conditions for post construction stormwater management:** Requires the use of any combination of BMPs, with highest preference given to Green Infrastructure techniques and practices (e.g., infiltration, evapotranspiration, reuse/harvesting, conservation design, urban forestry, green roofs, etc.), necessary to meet the following conditions on the site of a construction activity to the Maximum Extent Practicable (MEP):
 - a. For new development projects – no net increase from pre-project conditions (on an annual average basis) of: ☐ Yes ☒ No
 - 1) Stormwater discharge volume, unless precluded by the stormwater management limitations in the Permit (Part III.D.5.a(3)(a)).
 - 2) Stormwater discharges of Total Suspended Solids (TSS).
 - 3) Stormwater discharges of Total Phosphorus (TP).
 - b. For redevelopment projects – a net reduction from pre-project conditions (on an annual average basis) of: ☐ Yes ☒ No
 - 1) Stormwater discharge volume, unless precluded by the stormwater management limitations in the Permit (Part III.D.5.a(3)(a)).
 - 2) Stormwater discharges of TSS.
 - 3) Stormwater discharges of TP.
3. **Stormwater management limitations and exceptions:**
 - a. Limitations ☐ Yes ☒ No
 - 1) Prohibit the use of infiltration techniques to achieve the conditions for post-construction stormwater management in the Permit (Part III.D.5.a(2)) when the infiltration structural stormwater BMP will receive discharges from, or be constructed in areas:
 - a) Where industrial facilities are not authorized to infiltrate industrial stormwater under an NPDES/SDS Industrial Stormwater Permit issued by the MPCA.
 - b) Where vehicle fueling and maintenance occur.

- c) With less than three (3) feet of separation distance from the bottom of the infiltration system to the elevation of the seasonally saturated soils or the top of bedrock.
- d) Where high levels of contaminants in soil or groundwater will be mobilized by the infiltrating stormwater.
- 2) Restrict the use of infiltration techniques to achieve the conditions for post-construction stormwater management in the Permit (Part III.D.5.a(2)), without higher engineering review, sufficient to provide a functioning treatment system and prevent adverse impacts to groundwater, when the infiltration device will be constructed in areas:
- a) With predominately Hydrologic Soil Group D (clay) soils.
- b) Within 1,000 feet up-gradient, or 100 feet down-gradient of active karst features.
- c) Within a Drinking Water Supply Management Area (DWSMA) as defined in Minn. R. 4720.5100, subp. 13.
- d) Where soil infiltration rates are more than 8.3 inches per hour.
- 3) For linear projects where the lack of right-of-way precludes the installation of volume control practices that meet the conditions for post-construction stormwater management in the Permit (Part III.D.5.a(2)), the permittee's regulatory mechanism(s) may allow exceptions as described in the Permit (Part III.D.5.a(3)(b)). The permittee's regulatory mechanism(s) shall ensure that a reasonable attempt be made to obtain right-of-way during the project planning process.
4. **Mitigation provisions:** The permittee's regulatory mechanism(s) shall ensure that any stormwater discharges of TSS and/or TP not addressed on the site of the original construction activity are addressed through mitigation and, at a minimum, shall ensure the following requirements are met:
- a. Mitigation project areas are selected in the following order of preference:
- 1) Locations that yield benefits to the same receiving water that receives runoff from the original construction activity.
- 2) Locations within the same Minnesota Department of Natural Resource (DNR) catchment area as the original construction activity.
- 3) Locations in the next adjacent DNR catchment area up-stream
- 4) Locations anywhere within the permittee's jurisdiction.
- b. Mitigation projects must involve the creation of new structural stormwater BMPs or the retrofit of existing structural stormwater BMPs, or the use of a properly designed regional structural stormwater BMP.
- c. Routine maintenance of structural stormwater BMPs already required by this permit cannot be used to meet mitigation requirements of this part.
- d. Mitigation projects shall be completed within 24 months after the start of the original construction activity.
- e. The permittee shall determine, and document, who will be responsible for long-term maintenance on all mitigation projects of this part.
- f. If the permittee receives payment from the owner and/or operator of a construction activity for mitigation purposes in lieu of the owner or operator of that construction activity meeting the conditions for post-construction stormwater management in Part III.D.5.a(2), the permittee shall apply any such payment received to a public stormwater project, and all projects must be in compliance with Part III.D.5.a(4)(a)-(e).
5. **Long-term maintenance of structural stormwater BMPs:** The permittee's regulatory mechanism(s) shall provide for the establishment of legal mechanisms between the permittee and owners or operators responsible for the long-term maintenance of structural stormwater BMPs not owned or operated by the permittee, that have been implemented to meet the conditions for post-construction stormwater management in the Permit (Part III.D.5.a(2)). This only includes structural stormwater BMPs constructed after the effective date of this permit and that are directly connected to the permittee's MS4, and that are in the permittee's jurisdiction. The legal mechanism shall include provisions that, at a minimum:
- a. Allow the permittee to conduct inspections of structural stormwater BMPs not owned or operated by the permittee, perform necessary maintenance, and assess costs for those structural stormwater BMPs when the permittee determines that the owner and/or operator of that structural stormwater BMP has not conducted maintenance.
- b. Include conditions that are designed to preserve the permittee's right to ensure maintenance responsibility, for structural stormwater BMPs not owned or operated by the permittee, when those responsibilities are legally transferred to another party.
- c. Include conditions that are designed to protect/preserve structural stormwater BMPs and site features that are implemented to comply with the Permit (Part III.D.5.a(2)). If site

☐ Yes ☒ No

☐ Yes ☒ No

☐ Yes ☒ No

☐ Yes ☒ No

☐ Yes ☒ No

☐ Yes ☒ No

☐ Yes ☒ No

☐ Yes ☒ No

☐ Yes ☒ No

☐ Yes ☒ No

☐ Yes ☒ No

configurations or structural stormwater BMPs change, causing decreased structural stormwater BMP effectiveness, new or improved structural stormwater BMPs must be implemented to ensure the conditions for post-construction stormwater management in the Permit (Part III.D.5.a(2)) continue to be met.

If you answered **no** to any of the above permit requirements, describe the tasks and corresponding schedules that will be taken to assure that, within twelve (12) months of the date permit coverage is extended, these permit requirements are met:

B.2 - B.5: We will update our Code of Ordinances to adopt by reference our currently adopted Local Surface Water Management Plan (LSWMP) that will be updated to specifically address B.2 - B.5. This will create a direct tie from our Code of Ordinances to the regulatory mechanisms (City policies and standards found in the LSWMP) that address the post-construction stormwater management requirements in B.2 to B.5.

B.1: We will update our Code of Ordinances to require that owners and/or operators of construction activity submit site plans with post-construction stormwater management BMPs (meeting City stormwater standards) to the City for review and approval prior to the start of construction activity.

B.2.a-b: While our LSWMP identifies general goals to reduce runoff volume and TP and TSS loading, the LSWMP sections will be updated to specifically reference the requirements of B.2.a, and B.2.b.

B.3.a.(1)-(2): our LSWMP references some limitations and exceptions for infiltration, however, this section will be updated to include the entire list of prohibitions and restrictions in B.3.a.(1)-(2).

B.3.a.(3): We will update our LSWMP to include a requirement that specifically addresses the linear project requirements in B.3.a.(3).

B.4.a-f: We will update our LSWMP to include a requirement that specifically addresses offsite stormwater mitigation that meets the requirements in B.4.

B.5.a-c: We will update our LSWMP to include a requirement that specifically addresses long-term maintenance of structural stormwater BMPs not owned or operated by the City that meets the requirements in B.5.

All of the actions identified above will be completed within 12 months of the date permit coverage is extended.

III. Enforcement Response Procedures (ERPs): (Part II.D.3)

A. Do you have existing ERPs that satisfy the requirements of the Permit (Part III.B.)?

☐ Yes ☒ No

1. If **yes**, attach them to this form as an electronic document, with the following file naming convention: *MS4NameHere_ERPs*.

2. If **no**, describe the tasks and corresponding schedules that will be taken to assure that, with twelve (12) months of the date permit coverage is extended, these permit requirements are met:

We will amend our Storm Water Illicit Discharge and Illicit Connection Ordinance and our Construction Site Runoff Control Ordinance to include all of the ERP documentation requirements in Part III.B.2 of the MS4 Permit. This action could include an adoption by reference in the ordinances to a separate ERP document.

We will include a requirement in our SWMP that identifies ERPs for Post-Construction Stormwater Management, including the documentation requirements as identified in Part III.B.2 of the MS4 Permit.

All of the actions identified above will be completed within 12 months of the date permit coverage is extended.

B. Describe your ERPs:

Sections 52.12, 52.13, and 52.99 in our Storm Water Illicit Discharge and Illicit Connection Ordinance describe ERPs, as follows:

- Suspension of Storm Sewer System Access

--- Suspension due to illicit discharges in emergency situations

--- Suspension due to the detection of illicit discharge

- Enforcement

--- Notice of violation

--- Abatement of a violation

--- Bill for abatement and/or restoration

- Penalty

Sections 150.210 and 150.999 in our Construction Site Runoff Control Ordinance describe ERPs, as follows:

- Enforcement Procedures

--- Right of entry

--- Notification by city of failure of the stormwater pollution prevention plan

- Failure to conduct corrective work
- Action against the financial security
- Emergency action
- Penalty

IV. Storm Sewer System Map and Inventory: (Part II.D.4.)

- A. Describe how you manage your storm sewer system map and inventory:

We periodically review and update our Surface Water System Map found in our Local Surface Water Management Plan. We have pond inventory information available in GIS, but need to compile this information to meet the inventory requirements.

- B. Answer **yes** or **no** to indicate whether your storm sewer system map addresses the following requirements from the Permit (Part III.C.1.a-d), as listed below:

1. The permittee's entire small MS4 as a goal, but at a minimum, all pipes 12 inches or greater in diameter, including stormwater flow direction in those pipes. ☒ Yes ☐ No
2. Outfalls, including a unique identification (ID) number assigned by the permittee, and an associated geographic coordinate. ☒ Yes ☐ No
3. Structural stormwater BMPs that are part of the permittee's small MS4. ☒ Yes ☐ No
4. All receiving waters. ☐ Yes ☒ No

If you answered **no** to any of the above permit requirements, describe the tasks and corresponding schedules that will be taken to assure that, within 12 months of the date permit coverage is extended, these permit requirements are met:

We will add unique ID numbers on our Surface Water System Map to all waters receiving flow from our MS4. This task will be completed within 12 months of the date permit coverage is extended.

- C. Answer **yes** or **no** to indicate whether you have completed the requirements of 2009 Minnesota Session Law, Ch. 172. Sec. 28: with the following inventories, according to the specifications of the Permit (Part III.C.2.a.-b.), including:

1. All ponds within the permittee's jurisdiction that are constructed and operated for purposes of water quality treatment, stormwater detention, and flood control, and that are used for the collection of stormwater via constructed conveyances. ☐ Yes ☒ No
2. All wetlands and lakes, within the permittee's jurisdiction, that collect stormwater via constructed conveyances. ☐ Yes ☒ No

- D. Answer **yes** or **no** to indicate whether you have completed the following information for each feature inventoried.

1. A unique identification (ID) number assigned by the permittee. ☐ Yes ☒ No
2. A geographic coordinate. ☐ Yes ☒ No
3. Type of feature (e.g., pond, wetland, or lake). This may be determined by using best professional judgment. ☐ Yes ☒ No

If you have answered **yes** to all above requirements, and you have already submitted the Pond Inventory Form to the MPCA, then you do not need to resubmit the inventory form below.

If you answered **no** to any of the above permit requirements, describe the tasks and corresponding schedules that will be taken to assure that, within 12 months of the date permit coverage is extended, these permit requirements are met:

Sections C and D: we will update our Surface Water System Map and GIS inventory information to include the pond inventory documentation requirements required in the MS4 Permit. This task will be completed within 12 months of the date permit coverage is extended.

- E. Answer **yes** or **no** to indicate if you are attaching your pond, wetland and lake inventory to the MPCA on the form provided on the MPCA website at: <http://www.pca.state.mn.us/ms4>, according to the specifications of Permit (Part III.C.2.b.(1)-(3)). Attach with the following file naming convention: *MS4NameHere_inventory*. ☐ Yes ☒ No

If you answered **no**, the inventory form must be submitted to the MPCA MS4 Permit Program within 12 months of the date permit coverage is extended.

V. Minimum Control Measures (MCMs) (Part II.D.5)

A. MCM1: Public education and outreach

1. The Permit requires that, within 12 months of the date permit coverage is extended, existing permittees revise their education and outreach program that focuses on illicit discharge recognition and reporting, as well as other specifically selected stormwater-related issue(s) of high priority to the permittee during this permit term. Describe your **current** educational program, including **any high-priority topics included**:

Our public education and outreach program includes stormwater related articles in our City newsletter, stormwater related brochures available at City Hall, cable access programming of stormwater related material, pet waste signage in City parks, and a 30-day public notice for our annual MS4 public meeting.

2. List the categories of BMPs that address your public education and outreach program, including the distribution of educational materials and a program implementation plan. Use the first table for categories of BMPs that you have established and the second table for categories of BMPs that you plan to implement over the course of the permit term.

Include the measurable goals with appropriate timeframes that each BMP category will be implemented and completed. In addition, provide interim milestones and the frequency of action in which the permittee will implement and/or maintain the BMPs. Refer to the U.S. Environmental Protection Agency's (EPA) *Measurable Goals Guidance for Phase II Small MS4s* (<http://www.epa.gov/npdes/pubs/measurablegoals.pdf>).

If you have more than five categories, hit the tab key after the last line to generate a new row.

Established BMP categories	Measurable goals and timeframes
Stormwater related articles	Include at least 1 stormwater related article in each edition of our newsletter.
Stormwater related brochures	Make at least 3 stormwater related brochures available at City Hall continuously. These brochures may periodically be mailed to residents in a utility billing.
30-day public notice for annual stormwater meeting	Publicly notice the annual stormwater meeting at least 30 days prior to the meeting in the local newspaper and posted at City Hall.
Local access cable	Air at least 1 stormwater related segment on our local access cable channel annually.
Pet waste signage	Maintain the existing pet waste signage in 6 city parks continuously.
BMP categories to be implemented	Measurable goals and timeframes
Create a City stormwater webpage	Create a page on our website dedicated to stormwater related information, updates, links, and references. The webpage will include illicit discharge recognition and reporting information for users, as well as our stormwater hotline and other contact information for reporting illicit discharges. This work will be completed within 12 months of the date permit coverage is extended.
Program evaluation	At least twice during the permit term, we will evaluate our public education and outreach program to determine if the current program efforts address the most pressing stormwater related issues in Spring Lake Park.

3. Provide the name or the position title of the individual(s) who is responsible for implementing and/or coordinating this MCM:

Public Works Director

B. MCM2: Public participation and involvement

1. The Permit (Part III.D.2.a.) requires that, within 12 months of the date permit coverage is extended, existing permittees shall revise their current program, as necessary, and continue to implement a public participation/involvement program to solicit public input on the SWPPP. Describe your current program:

Our public participation and involvement program includes our annual MS4 stormwater public meeting, an annual Spring and Fall clean-up days, our Adopt-A-Rain Garden Program for residents who committed to maintaining a rain garden, and our stormwater hotline for residents to register complaints, report stormwater related violations, or provide input on our stormwater program.

2. List the categories of BMPs that address your public participation/involvement program, including solicitation and documentation of public input on the SWPPP. Use the first table for categories of BMPs that you have established and the second table for categories of BMPs that you plan to implement over the course of the permit term.

Include the measurable goals with appropriate timeframes that each BMP category will be implemented and completed. In addition, provide interim milestones and the frequency of action in which the permittee will implement and/or maintain the BMPs.

Refer to the EPA's *Measurable Goals Guidance for Phase II Small MS4s* (<http://www.epa.gov/npdes/pubs/measurablegoals.pdf>).
If you have more than five categories, hit the tab key after the last line to generate a new row.

Established BMP categories	Measurable goals and timeframes
Annual MS4 stormwater public meeting	Hold an annual meeting for the length of the permit cycle to present our stormwater program and take written or oral comments on this program.
Stormwater hotline	Continue to monitor our hotline for citizens to register complaints regarding erosion and sediment control violations, report illicit discharges or illicit connections, or provide input on our stormwater program. Comments are regularly logged and distributed to the appropriate staff members.
Spring and Fall recycling drop off day	We conduct a recycling drop off day annually in the spring and fall to allow the public to dispose of tires, furniture, scrap metal, wood, appliances, electronics, and other non-hazardous waste material.
BMP categories to be implemented	Measurable goals and timeframes
Watershed District coordination meeting	At least once during the permit term, we will invite staff from both the Rice Creek Watershed District and Coon Creek Watershed District to a public meeting to inform staff, city officials, and the public about news, updates, and programs being offered by the District.
Storm structure stenciling	The City will continue to re-stencil all City catch basins within the permit term.
SWPPP document availability	Post the City's MS4 Permit Application and SWPPP Document on the City's stormwater webpage.

3. Do you have a process for receiving and documenting citizen input? ☒ Yes ☐ No

If you answered **no** to the above permit requirement, describe the tasks and corresponding schedules that will be taken to assure that, within 12 months of the date permit coverage is extended, this permit requirement is met:

4. Provide the name or the position title of the individual(s) who is responsible for implementing and/or coordinating this MCM:

Public Works Director

C. MCM 3: Illicit discharge detection and elimination

1. The Permit (Part III.D.3.) requires that, within 12 months of the date permit coverage is extended, existing permittees revise their current program as necessary, and continue to implement and enforce a program to detect and eliminate illicit discharges into the small MS4. Describe your current program:

We have a Storm Water Illicit Discharge and Illicit Connection ordinance that regulates illicit discharge and connections to our MS4. This ordinance identifies the proper procedure once an illicit discharge or connection is identified, including violations, enforcement, and penalties for non-compliance. We have a Surface Water System Map that identifies the City's MS4 system. Staff in our public works department are trained in proper procedures for inspecting and identifying illicit discharges and connections during dry-weather inspections.

2. Does your Illicit Discharge Detection and Elimination Program meet the following requirements, as found in the Permit (Part III.D.3.c.-g.)?

- Incorporation of illicit discharge detection into all inspection and maintenance activities conducted under the Permit (Part III.D.6.e.-f.) Where feasible, illicit discharge inspections shall be conducted during dry-weather conditions (e.g., periods of 72 or more hours of no precipitation). ☒ Yes ☐ No
- Detecting and tracking the source of illicit discharges using visual inspections. The permittee may also include use of mobile cameras, collecting and analyzing water samples, and/or other detailed procedures that may be effective investigative tools. ☒ Yes ☐ No
- Training of all field staff, in accordance with the requirements of the Permit (Part III.D.6.g.(2)), in illicit discharge recognition (including conditions which could cause illicit discharges), and reporting illicit discharges for further investigation. ☒ Yes ☐ No
- Identification of priority areas likely to have illicit discharges, including at a minimum, evaluating land use associated with business/industrial activities, areas where illicit discharges have been identified in the past, and areas with storage of large quantities of significant materials that could result in an illicit discharge. ☐ Yes ☒ No

- e. Procedures for the timely response to known, suspected, and reported illicit discharges. ☐ Yes ☒ No
- f. Procedures for investigating, locating, and eliminating the source of illicit discharges. ☐ Yes ☒ No
- g. Procedures for responding to spills, including emergency response procedures to prevent spills from entering the small MS4. The procedures shall also include the immediate notification of the Minnesota Department of Public Safety Duty Officer, if the source of the illicit discharge is a spill or leak as defined in Minn. Stat. § 115.061. ☐ Yes ☒ No
- h. When the source of the illicit discharge is found, the permittee shall use the ERPs required by the Permit (Part III.B.) to eliminate the illicit discharge and require any needed corrective action(s). ☒ Yes ☐ No

If you answered **no** to any of the above permit requirements, describe the tasks and corresponding schedules that will be taken to assure that, within 12 months of the date permit coverage is extended, these permit requirements are met:

C.2.d: we will update our illicit discharge and inspection program to identify priority areas likely to have illicit discharges. This identification process will evaluate land use associated with business/industrial activities, areas where illicit discharges have been identified in the past, and areas with storage of large quantities of significant materials that could result in an illicit discharge.

C.2.e: we will update our illicit discharge and inspection program to identify a formal procedure for responding to known, suspected, and reported illicit discharges.

C.2.f: we will update our illicit discharge and inspection program to identify a formal procedure for investigating, locating, and eliminating the source of illicit discharges.

C.2.g: we will update our illicit discharge and inspection program to identify procedures for responding to spills, including emergency response procedures to prevent spills from entering our MS4. This procedure will include the immediate notification of the Minnesota Department of Public Safety Duty Officer, if the source of the illicit discharge is a spill or leak as defined in Minn. Stat. § 115.061.

All of these actions will be completed within 12 months of the date permit coverage is extended.

3. List the categories of BMPs that address your illicit discharge, detection and elimination program. Use the first table for categories of BMPs that you have established and the second table for categories of BMPs that you plan to implement over the course of the permit term.

Include the measurable goals with appropriate timeframes that each BMP category will be implemented and completed. In addition, provide interim milestones and the frequency of action in which the permittee will implement and/or maintain the BMPs. Refer to the EPA's *Measurable Goals Guidance for Phase II Small MS4s* (<http://www.epa.gov/npdes/pubs/measurablegoals.pdf>).

If you have more than five categories, hit the tab key after the last line to generate a new row.

Established BMP categories	Measurable goals and timeframes
Stormwater system map	Regularly update our existing Surface Water System Map to include recently constructed infrastructure.
Storm Water Illicit Discharge and Illicit Connection ordinance	Continue to enforce our existing Storm Water Illicit Discharge and Illicit Connection ordinance
Inspections	Continue to inspect and document illicit discharge and connection inspections during dry-weather conditions. We will continue to document all inspections, results, and actions necessary to eliminate the illicit discharge or connection.
Training	Continue our ongoing City staff training on the types of potentially illicit discharges, connections, and common illegal dumping within the City and how to identify them.
BMP categories to be implemented	Measurable goals and timeframes
Illicit discharge information and reporting	Include illicit discharge information on our stormwater webpage, including the stormwater hotline number for reporting illicit discharges or connections. This work will be completed within 12 months of the date permit coverage is extended.
Potential illicit discharge prioritization map	Create a map identifying priority areas and outfalls in these areas that should be inspected more frequently. This work will be completed within 12 months of the date permit coverage is extended.
Inspections	High priority areas and high priority outfalls will be inspected annually.
Documentation	Within 12 months of the date permit coverage is extended, review our current illicit discharge documentation form to verify that it meets the documentation requirements in the MS4

4. Do you have procedures for record-keeping within your Illicit Discharge Detection and Elimination (IDDE) program as specified within the Permit (Part III.D.3.h.)? ☐ Yes ☒ No

If you answered **no**, indicate how you will develop procedures for record-keeping of your Illicit Discharge, Detection and Elimination Program, within 12 months of the date permit coverage is extended:

We will update our illicit discharge and connection program to include the documentation requirements identified in the MS4 permit Part III.D.3.h. within 12 months of the date permit coverage is extended.

5. Provide the name or the position title of the individual(s) who is responsible for implementing and/or coordinating this MCM:

Public Works Director

D. MCM 4: Construction site stormwater runoff control

1. The Permit (Part III.D.4) requires that, within 12 months of the date permit coverage is extended, existing permittees shall revise their current program, as necessary, and continue to implement and enforce a construction site stormwater runoff control program. Describe your current program:

We have a Construction Site Runoff Control ordinance that regulates land disturbing activity. The ordinance describes the City SWPPP submittal procedures, the City review process, minimum construction site BMPs, and enforcement procedures. City staff or a designated agent will continue to perform construction site ESC inspections for land disturbing activity in the City. We have a site plan review procedure in place to determine if an application meets City requirements. Prior to land disturbing activities, we hold a preconstruction meeting to discuss stormwater runoff, ESC BMPs, construction staging, and other issues associated with grading activities.

2. Does your program address the following BMPs for construction stormwater erosion and sediment control as required in the Permit (Part III.D.4.b.):

- a. Have you established written procedures for site plan reviews that you conduct prior to the start of construction activity? ☒ Yes ☐ No
- b. Does the site plan review procedure include notification to owners and operators proposing construction activity that they need to apply for and obtain coverage under the MPCA's general permit to *Discharge Stormwater Associated with Construction Activity No. MN R100001*? ☒ Yes ☐ No
- c. Does your program include written procedures for receipt and consideration of reports of noncompliance or other stormwater related information on construction activity submitted by the public to the permittee? ☒ Yes ☐ No
- d. Have you included written procedures for the following aspects of site inspections to determine compliance with your regulatory mechanism(s):
 - 1) Does your program include procedures for identifying priority sites for inspection? ☐ Yes ☒ No
 - 2) Does your program identify a frequency at which you will conduct construction site inspections? ☐ Yes ☒ No
 - 3) Does your program identify the names of individual(s) or position titles of those responsible for conducting construction site inspections? ☐ Yes ☒ No
 - 4) Does your program include a checklist or other written means to document construction site inspections when determining compliance? ☒ Yes ☐ No
- e. Does your program document and retain construction project name, location, total acreage to be disturbed, and owner/operator information? ☒ Yes ☐ No
- f. Does your program document stormwater-related comments and/or supporting information used to determine project approval or denial? ☒ Yes ☐ No
- g. Does your program retain construction site inspection checklists or other written materials used to document site inspections? ☒ Yes ☐ No

If you answered **no** to any of the above permit requirements, describe the tasks and corresponding schedules that will be taken to assure that, within 12 months of the date permit coverage is extended, these permit requirements are met.

D.2.d.1): we will update our construction site stormwater runoff control program to include a procedure to identify priority sites for inspection.

D.2.d.2): we will update our construction site stormwater runoff control program to identify construction site inspection frequencies.

D.2.d.3): we will update our construction site stormwater runoff control program to identify position titles of those responsible for conducting construction site inspections.

All of these actions will be completed within 12 months of the date permit coverage is extended.

3. List the categories of BMPs that address your construction site stormwater runoff control program. Use the first table for categories of BMPs that you have established and the second table for categories of BMPs that you plan to implement over the course of the permit term.

Include the measurable goals with appropriate timeframes that each BMP category will be implemented and completed. In addition, provide interim milestones and the frequency of action in which the permittee will implement and/or maintain the BMPs. Refer to the EPA's *Measurable Goals Guidance for Phase II Small MS4s* (<http://www.epa.gov/npdes/pubs/measurablegoals.pdf>). **If you have more than five categories**, hit the tab key after the last line to generate a new row.

Established BMP categories	Measurable goals and timeframes
Ordinance	Continue to enforce existing Construction Site Runoff Control ordinance.
Plan review process	Continue to implement our plan review procedures.
Inspections	Continue weekly inspections (or following a 0.5-inch rainfall event) for all active construction projects during the growing season.
Preconstruction meeting	Prior to land disturbing activity, we will continue to hold a pre-construction meeting.
BMP categories to be implemented	Measurable goals and timeframes
Plan review checklist	Create a plan review checklist construction site stormwater runoff control requirements that clearly states submittal requirements. This checklist will be developed within 12 months of the date permit coverage is extended.
Program updates	Make the necessary updates to our construction stormwater program as indicated above within 12 months of the date permit coverage is extended.
Ordinance updates	Revise our Construction Site Runoff Control ordinance as necessary to meet MS4 permit requirements within 12 months of the date permit coverage is extended.

4. Provide the name or the position title of the individual(s) who is responsible for implementing and/or coordinating this MCM:

Public Works Director

E. MCM 5: Post-construction stormwater management

1. The Permit (Part III.D.5.) requires that, within 12 months of the date permit coverage is extended, existing permittees shall revise their current program, as necessary, and continue to implement and enforce a post-construction stormwater management program. Describe your current program:

We have a Site Plan Review ordinance that outlines basin submittal requirements and a submittal review process. Our adopted Local Surface Water Management Plan identifies our current post-construction stormwater management requirements. We coordinate our plan review activities with either the Rice Creek Watershed District or Coon Creek Watershed District, which both have grading or land disturbance permits.

2. Have you established written procedures for site plan reviews that you will conduct prior to the start of construction activity? ☒ Yes ☐ No
3. Answer **yes** or **no** to indicate whether you have the following listed procedures for documentation of post-construction stormwater management according to the specifications of Permit (Part III.D.5.c.):
- a. Any supporting documentation that you use to determine compliance with the Permit (Part III.D.5.a), including the project name, location, owner and operator of the construction activity, any checklists used for conducting site plan reviews, and any calculations used to determine compliance? ☐ Yes ☒ No
- b. All supporting documentation associated with mitigation projects that you authorize? ☐ Yes ☒ No
- c. Payments received and used in accordance with Permit (Part III.D.5.a.(4)(f))? ☐ Yes ☒ No
- d. All legal mechanisms drafted in accordance with the Permit (Part III.D.5.a.(5)), including date(s) of the agreement(s) and names of all responsible parties involved? ☐ Yes ☒ No

If you answered **no** to any of the above permit requirements, describe the steps that will be taken to assure that, within 12 months of the date permit coverage is extended, these permit requirements are met.

E.3.a: we will update our post construction stormwater management program to include a list of documentation requirements that meets MS4 permit requirements.

E.3.b: we will update our post construction stormwater management program to include the documentation requirements for any stormwater mitigation projects deemed acceptable by the City.

E.3.c: we will update our post construction stormwater management program to include a procedure for how funds are collected and spent from a pay-in-lieu of constructing stormwater BMPs.

E.3.d: we will update our post construction stormwater management program to identify long term maintenance requirements for BMPs not owned or operated by the City. The Rice Creek Watershed District and Coon Creek Watershed District both require that a long term maintenance agreement be completed for any new BMP constructed in the City, so we will develop a procedure to file and track these agreements.

All of these activities will be completed within 12 months of the date permit coverage is extended.

4. List the categories of BMPs that address your post-construction stormwater management program. Use the first table for categories of BMPs that you have established and the second table for categories of BMPs that you plan to implement over the course of the permit term.

Include the measurable goals with appropriate timeframes that each BMP category will be implemented and completed. In addition, provide interim milestones and the frequency of action in which the permittee will implement and/or maintain the BMPs. Refer to the EPA's *Measurable Goals Guidance for Phase II Small MS4s* (<http://www.epa.gov/npdes/pubs/measurablegoals.pdf>). If you have more than five categories, hit the tab key after the last line to generate a new row.

Established BMP categories	Measurable goals and timeframes
Ordinance	Continue to enforce existing Site Plan Review ordinance.
Stormwater design standards	Our Local Surface Water Management Plan includes stormwater design requirements and references to Rice Creek Watershed District and Coon Creek Watershed District standards to guide the installation of stormwater BMPs aimed at reducing pollutant loads from new, redevelopment, and linear projects.
Plan review process	Continue to implement our plan review procedures
BMP categories to be implemented	Measurable goals and timeframes
Ordinance updates	Revise City Code as necessary to meet MS4 permit post-construction stormwater requirements within 12 months of the date permit coverage is extended. This will include an updated reference to the design standards in the City's Local Surface Water Management Plan.
Plan review checklist	Create a plan review checklist for post-construction requirements that clearly states submittal requirements. This checklist will be developed within 12 months of the date permit coverage is extended.
Project information documentation	Within 12 months of the date permit coverage is extended, we will develop a project information document, likely in conjunction with the plan review checklist, that meets the MS4 Permit requirements.

5. Provide the name or the position title of the individual(s) who is responsible for implementing and/or coordinating this MCM:

Public Works Director

F. MCM 6: Pollution prevention/good housekeeping for municipal operations

1. The Permit (Part III.D.6.) requires that, within 12 months of the date permit coverage is extended, existing permittees shall revise their current program, as necessary, and continue to implement an operations and maintenance program that prevents or reduces the discharge of pollutants from the permittee owned/operated facilities and operations to the small MS4. Describe your current program:

We inspect all city owned and maintained structural pollution control devices annually and city owned and maintained ponds and outfalls at a minimum 20% per year. We inspect stockpiles, storage and handling areas regularly and sweep City streets at least bi-annually. Maintenance staff are trained annually on the following practices:

- Proper handling, storage, and application procedures for municipal lawn care products
- Proper handling, storage, and application procedures for street de-icing products and awareness of possible new products.
- Fleet and bulding operation and maintenance

- Hazardous material storage and recycling program
- Stormsewer maintenance
- Erosion and sediment control BMP maintenance

2. Do you have a facilities inventory as outlined in the Permit (Part III.D.6.a.)? ☐ Yes ☒ No
3. If you answered **no** to the above permit requirement in question 2, describe the tasks and corresponding schedules that will be taken to assure that, within 12 months of the date permit coverage is extended, this permit requirement is met:
- We will prepare a facilities inventory as outlines in the MS4 permit Part III.D.6.a. and complete this inventory within 2 months of the date permit coverage is extended.*
4. List the categories of BMPs that address your pollution prevention/good housekeeping for municipal operations program. Use the first table for categories of BMPs that you have established and the second table for categories of BMPs that you plan to implement over the course of the permit term.

Include the measurable goals with appropriate timeframes that each BMP category will be implemented and completed. In addition, provide interim milestones and the frequency of action in which the permittee will implement and/or maintain the BMPs. For an explanation of measurable goals, refer to the EPA's *Measurable Goals Guidance for Phase II Small MS4s* (<http://www.epa.gov/npdes/pubs/measurablegoals.pdf>).

If you have more than five categories, hit the tab key after the last line to generate a new row.

Established BMP categories	Measurable goals and timeframes
Structural stormwater BMPs, pond, and outfall inspections	Continue to inspect Structural stormwater BMPs annually, and ponds and outfalls at least once within the permit term. We use an inspection form that meets the documentation requirements in the MS4 permit.
Street sweeping	Continue sweeping City streets at least twice annually.
Staff training	Continue ongoing training of staff covering a variety of stormwater related topics as identified above.
Stormsewer and sanitary sewer maintenance program	Continue current stormsewer and sanitary sewer inspection and maintenance programs.
BMP categories to be implemented	Measurable goals and timeframes
Stockpile, and storage and handling area inspections	Increase current inspection frequency to quarterly inspections of City owned and operated stockpiles, and storage and material handling areas.
Facilities inventory	Complete a facilities inventory of City owned and operated facilities within 12 months of the date permit coverage is extended.
Pond assessment	Relying on the guidance provided by the MPCA, we will develop a procedure for determining the TP and TSS treatment effectiveness of City owned ponds within the length of permit term.

5. Does discharge from your MS4 affect a Source Water Protection Area (Permit Part III.D.6.c.)? ☒ Yes ☐ No
- a. If **no**, continue to 6.
- b. If **yes**, the Minnesota Department of Health (MDH) is in the process of mapping the following items. Maps are available at <http://www.health.state.mn.us/divs/eh/water/swp/maps/index.htm>. Is a map including the following items available for your MS4:
- 1) Wells and source waters for drinking water supply management areas identified as vulnerable under Minn. R. 4720.5205, 4720.5210, and 4720.5330? ☒ Yes ☐ No
- 2) Source water protection areas for surface intakes identified in the source water assessments conducted by or for the Minnesota Department of Health under the federal Safe Drinking Water Act, U.S.C. §§ 300j – 13? ☒ Yes ☐ No
- c. Have you developed and implemented BMPs to protect any of the above drinking water sources? ☒ Yes ☐ No
6. Have you developed procedures and a schedule for the purpose of determining the TSS and ☐ Yes ☒ No

TP treatment effectiveness of all permittee owned/operated ponds constructed and used for the collection and treatment of stormwater, according to the Permit (Part III.D.6.d.)?

7. Do you have inspection procedures that meet the requirements of the Permit (Part III.D.6.e.(1)-(3)) for structural stormwater BMPs, ponds and outfalls, and stockpile, storage and material handling areas? ☐ Yes ☒ No
8. Have you developed and implemented a stormwater management training program commensurate with each employee's job duties that:
- a. Addresses the importance of protecting water quality? ☐ Yes ☒ No
 - b. Covers the requirements of the permit relevant to the duties of the employee? ☐ Yes ☒ No
 - c. Includes a schedule that establishes initial training for new and/or seasonal employees and recurring training intervals for existing employees to address changes in procedures, practices, techniques, or requirements? ☐ Yes ☒ No
9. Do you keep documentation of inspections, maintenance, and training as required by the Permit (Part III.D.6.h.(1)-(5))? ☒ Yes ☐ No

If you answered **no** to any of the above permit requirements listed in **Questions 5 – 9**, then describe the tasks and corresponding schedules that will be taken to assure that, within 12 months of the date permit coverage is extended, these permit requirements are met:

6. We will develop procedures for determining the TP and TSS treatment effectiveness of City owned ponds.

7. We inspect structural stormwater BMPs annually, and ponds and outfalls once within the permit cycle. However, we are currently only inspecting stockpile, storage and material handling areas annually. This will be changed to quarterly to meet the MS4 Permit requirements.

8. We have an employee stormwater training program, however, we will improve our training program to meet the requirements of the MS4 Permit, specifically items 8a, 8b, and 8c identified above.

We will complete these tasks within 12 months of the date permit coverage is extended.

10. Provide the name or the position title of the individual(s) who is responsible for implementing and/or coordinating this MCM:

Public Works Director

VI. Compliance Schedule for an Approved Total Maximum Daily Load (TMDL) with an Applicable Waste Load Allocation (WLA) (Part II.D.6.)

- A. Do you have an approved TMDL with a Waste Load Allocation (WLA) prior to the effective date of the Permit? ☐ Yes ☒ No
- 1. If **no**, continue to section VII.
 - 2. If **yes**, fill out and attach the MS4 Permit TMDL Attachment Spreadsheet with the following naming convention: *MS4NameHere_TMDL*.

This form is found on the MPCA MS4 website: <http://www.pca.state.mn.us/ms4>.

VII. Alum or Ferric Chloride Phosphorus Treatment Systems (Part II.D.7.)

- A. Do you own and/or operate any Alum or Ferric Chloride Phosphorus Treatment Systems which are regulated by this Permit (Part III.F.)? ☐ Yes ☒ No
- 1. If **no**, this section requires no further information.
 - 2. If **yes**, you own and/or operate an Alum or Ferric Chloride Phosphorus Treatment System within your small MS4, then you must submit the Alum or Ferric Chloride Phosphorus Treatment Systems Form supplement to this document, with the following naming convention: *MS4NameHere_TreatmentSystem*.
- This form is found on the MPCA MS4 website: <http://www.pca.state.mn.us/ms4>.

VIII. Add any Additional Comments to Describe Your Program

Spring Lake Park, MN Code of Ordinances

(1976 Code, § 58A.03) Penalty, see § 10.99

§ 51.28 DEPOSIT.

It is unlawful for any person to deposit garbage from any source, rubbish, offal, or body of a dead animal in any place other than a sanitary landfill or licensed disposal facility.

(1976 Code, § 58A.04) Penalty, see § 10.99

CHAPTER 52: STORM WATER ILLICIT DISCHARGE AND ILLICIT CONNECTION

Section

52.01	Intent
52.02	Statutory authorization
52.03	Findings
52.04	Purpose
52.05	Definitions
52.06	Illegal disposal and dumping
52.07	Illicit discharges and connections
52.08	Good housekeeping provisions
52.09	Industrial activity discharges
52.10	Notification of spills
52.11	Access to building for inspection, monitoring, and/or dye testing
52.12	Suspension of storm sewer system access
52.13	Enforcement
52.99	Penalty

§ 52.01 INTENT.

To promote the health, safety and general welfare of the citizens of Spring Lake Park, Minnesota by requiring illicit discharge and illicit connection management practices for all discharge activities.

Spring Lake Park, MN Code of Ordinances

(Ord. 364, passed 2-16-2010)

§ 52.02 STATUTORY AUTHORIZATION.

These regulations are adopted pursuant to M.S. § 462.351.

(Ord. 364, passed 2-16-2010)

§ 52.03 FINDINGS.

The City of Spring Lake Park hereby finds that non-storm water discharges to the city's municipal separated storm sewer system (MS4) are subject to higher levels of pollutants which enter receiving water bodies adversely affecting the public health, safety and general welfare by impacting water quality, creating nuisances, impairing other beneficial uses of environmental resources and hindering the ability of the city to provide adequate water, sewage, flood control and other community services.

(Ord. 364, passed 2-16-2010)

§ 52.04 PURPOSE.

The purpose of this chapter is to promote, preserve and enhance the natural resources within the city and protect them from adverse effects occasioned by non-storm water discharges by regulating illicit discharges and connections that would have an adverse and potentially irreversible impact on water quality and environmentally sensitive land.

(Ord. 364, passed 2-16-2010)

§ 52.05 DEFINITIONS.

For the purpose of this chapter, the following definitions shall apply unless the context clearly indicates or requires a different meaning. When inconsistent with the context, words used in the present tense include the future tense, words in the plural include the singular, and words in the singular include the plural. The word "shall" is always mandatory and not merely directive.

Spring Lake Park, MN Code of Ordinances

BEST MANAGEMENT PRACTICE (BMP). Sediment and erosion control and storm water management practices used to mitigate adverse effects of land use activities, runoff, sedimentation and non-point source pollution on stream bank erosion, stream hydrology, surface and groundwater replenishment.

CITY. The City of Spring Lake Park.

DISCHARGE. Adding, introducing, releasing, leaking, spilling, casting, throwing or emitting any pollutant, or placing any pollutant in a location where it is likely to pollute waters of the state in the county.

EROSION. The process by which ground surface is worn away by action of wind, water, ice or gravity.

GROUNDWATER. Water contained below the ground surface in the saturated zone including, without limitation, all waters whether under confined, unconfined or perched conditions, in near surface unconsolidated sediment or in rock formations deeper underground.

ILLICIT CONNECTION. Defined as either of the following:

(1) Any drain or conveyance, whether on the surface or subsurface, which allows an illicit discharge to enter the storm drain system including any non-storm water discharge such as sewage, processed wastewater and wash water and any connections to the storm drain system from indoor drains and sinks, regardless of whether the drain or connection had been previously allowed, permitted or approved by an authorized enforcement agency; or

(2) Any drain or conveyance connected from a residential, commercial or industrial land use to the storm drain system which has not been documented in plans, maps, or equivalent records and approved by an authorized enforcement agency.

ILLICIT DISCHARGE. Any direct or indirect non-storm water discharge to the storm sewer system, except as exempted in § 52.07.

MPCA. The Minnesota Pollution Control Agency.

MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4). The system of conveyances (including sidewalks, roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, man-made channels or storm drains) owned or operated by the city and designed or used for collecting or conveying storm water and which is not used for collecting or conveying sewage.

NPDES. The National Pollutant Discharge Elimination System. The program for issuing, modifying, revoking, reissuing, terminating, monitoring and enforcing permits under the Clean Water Act (§§ 301, 318, 402 and 405) and 33 C.F.R. §§ 1317, 1328, 1342 and 1345 authorizing the discharge of pollutants to water of the United States.

Spring Lake Park, MN Code of Ordinances

PERSON. Any individual, firm, corporation, partnership, franchise, association or governmental entity.

POLLUTANT. Any substance which, when discharged, has potential to or does, interfere with state designated water uses, obstruct or cause damage to waters of the state, change water color, odor or usability as a drinking water source through causes not attributable to natural stream processes affecting surface water or subsurface processes affecting groundwater, add an unnatural surface film on the water, adversely change other chemical, biological, thermal or physical conditions, in any surface water or stream channel, degrade the quality of ground, or harm human life, aquatic life, or terrestrial plant and wildlife.

POLLUTANT includes dredged soil, solid waste, garbage, wastewater, wastewater sludge, chemical waste, biological materials, radioactive materials rock, sand, dust, industrial waste, sediment, nutrients, toxic substances, pesticide, herbicide, trace metal, automotive fluid petroleum-based substance and oxygen-demanding material.

POLLUTE. To discharge pollutants into waters of the state.

POLLUTION. The direct or indirect distribution of pollutants into waters of the state.

STATE. The State of Minnesota.

STATE DESIGNATED WATER USES. Uses specified in state water quality standards.

STORM SEWER SYSTEM. A conveyance or system of conveyances that is owned or operated by the city or other entity and designed or used for collecting or conveying storm water.

STORM WATER. As defined under Minn. Rules 7077.0105, subpart 41(b), means “precipitation runoff, storm water runoff, snow melt runoff and any other surface runoff and drainage.”

SURFACE WATERS. All waters of the state other than ground waters, which include ponds, lakes, rivers, streams, wetlands, public ditches, and public drainage systems except those designed and used to collect, convey or dispose of sanitary sewage.

WATERS OF THE STATE. As defined in M.S. § 115.01, Subd. 22, are all streams, lakes, ponds, marshes, watercourses, waterways, wells, springs, reservoirs, aquifers, irrigation systems, drainage systems and all other bodies or accumulations of water, surface or underground, natural or artificial, public or private, which are contained within, flow through or border upon the state or any portion thereof.

(Ord. 364, passed 2-16-2010)

§ 52.06 ILLEGAL DISPOSAL AND DUMPING.

(A) No person shall throw, deposit, place, leave, maintain, or keep any substance upon any street, alleyway, sidewalk, storm drain, inlet, catch basin conduit or drainage structure, business place, or upon any public or private plot of land, so that the same might be or become a pollutant, except in containers, recycling bags, or other lawfully established waste disposal facility.

(B) No person shall intentionally dispose of grass, leaves, dirt or landscape material into a water resource, buffer, street, road, alley, catch basin, culvert curb, gutter, inlet, ditch, natural watercourse, flood control channel canal storm drain or any natural conveyance.

(Ord. 364, passed 2-16-2010) Penalty, see § 52.99

§ 52.07 ILLICIT DISCHARGES AND CONNECTIONS.

(A) No person shall cause any illicit discharge to enter the storm sewer system or any surface water unless such discharge:

(1) Consists of non-storm water that is authorized by an NPDFS permit obtained from the MPCA or a federal agency;

(2) Is associated with fire fighting activities or other activities necessary to protect public health and safety; or

(3) Is one of the following exempt discharges: water line flushing or other potable water sources, landscape irrigation or lawn watering, diverted stream flows, rising ground water, ground water infiltration to storm drains, uncontaminated pumped ground water, foundation or footing drains (not including active groundwater dewatering systems), crawl space pumps, air conditioning condensation, springs, non-commercial washing of vehicles, natural riparian habitat or wetland flows, dechlorinated swimming pools (except for routine maintenance of chlorinated swimming pool water) and any other water source not containing pollutants

(B) Dye testing is an allowable discharge, but requires a verbal notification to the city prior to the time of the test.

(C) No person shall use any illicit connection to intentionally convey non-storm water to the city's storm sewer system.

(D) The construction, use, maintenance or continued existence of illicit connections to the storm sewer system is prohibited. This prohibition expressly includes, without limitation,

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illicit connections made in the past, regardless of whether the connection was permissible under law or practices applicable or prevailing at the time of connection.

(E) A person is considered to be in violation of this chapter if the person connects a line conveying sewage to the storm sewer system, or allows such a connection to continue.

(Ord. 364, passed 2-16-2010)

§ 52.08 GOOD HOUSEKEEPING PROVISIONS.

Any owner or occupant of property within the city shall comply with the following good housekeeping requirements;

(A) No person shall leave, deposit, discharge, dump, or otherwise expose any chemical or septic waste in an area where discharge to streets or storm sewer system may occur. This section shall apply to both actual and potential discharges.

(1) Individual septic systems must be maintained to prevent failure which has the potential to pollute surface water.

(2) Recreational vehicle sewage shall be disposed to a proper sanitary waste facility. Waste should not be discharged in an area where drainage to streets or storm sewer system may occur.

(3) Prior to draining swimming pools, water shall be allowed to sit seven days without the addition of chlorine to allow for chlorine to evaporate before discharge.

(B) Runoff of water from the washing down of paved areas in commercial or industrial property is prohibited unless necessary for health or safety purposes and not in violation of any other provisions of city codes.

(C) Mobile washing companies (carpet cleaning, mobile vehicle washing, and the like) shall dispose of wastewater to the sanitary sewer. Wastewater should not be discharged where drainage to streets or storm sewer system may occur.

(D) Storage of materials, machinery and equipment.

(1) Objects, such as motor vehicle parts, containing grease, oil or other hazardous substances, and unsealed receptacles containing hazardous materials shall not be stored in areas susceptible to runoff.

(2) Any machinery or equipment that is to be repaired or maintained in areas susceptible to runoff shall be placed in a confined area to contain leaks, spills, or discharges.

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(E) Debris and residue shall be removed, as noted below.

(1) All motor vehicle parking lots and private streets shall be swept, at a minimum of once a year in the spring to remove debris. Such debris shall be collected and properly disposed.

(2) Fuel and chemical residue or other types of potentially harmful materials, such as animal waste, garbage or batteries shall be removed as soon as possible and disposed of properly. Household hazardous waste may be disposed of through the county collection program or at any other appropriate disposal site and shall not be placed in a trash container.

(Ord. 364, passed 2-16-2010) Penalty, see § 52.99

§ 52.09 INDUSTRIAL ACTIVITY DISCHARGES.

Any person subject to an industrial activity NPDES storm water discharge permit shall comply with all provisions of such permit. Proof of compliance with the permit may be required in a form acceptable to the city prior to the following discharges to the storm sewer system. All facilities that have storm water discharges associated with industrial activity must adhere to the following guidelines:

(A) Any person responsible for a property or premises, which is, or may be, the source of an illicit discharge, may be required to implement, at the person's expense, additional structural and non-structural BMPs to prevent the further discharge of pollutants to the storm sewer system.

(B) These BMPs shall be part of a storm water pollution prevention plan (SWPPP) as necessary for compliance with requirements of the NPDES permit.

(Ord. 364, passed 2-16-2010)

§ 52.10 NOTIFICATION OF SPILLS.

Notwithstanding other requirements of law, as soon as any person responsible for a facility or operation, or responsible for emergency response for a facility or operation has information of any known or suspected release of materials which are resulting or may result in illegal discharges or pollutants discharging into the storm sewer system, or water of the state, the person shall take all necessary steps to ensure the discovery, containment, and cleanup of such release. In the event of such a release of hazardous materials, the person shall immediately notify emergency response agencies of the occurrence via emergency dispatch services. In the event of

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a release of non-hazardous materials, the person shall notify the city no later than the next business day.

(Ord. 364, passed 2-16-2010)

§ 52.11 ACCESS TO BUILDING FOR INSPECTION, MONITORING, AND/OR DYE TESTING.

(A) The city shall be permitted to enter and inspect all buildings as often as may be necessary to determine compliance with this chapter.

(B) Facility operators shall allow the city ready access to all parts of the premises for the purposes of inspection, sampling, dye testing, examination and copying of records that relate to the discharge of storm water.

(C) The city shall have the right to set up at any building, such devices as are necessary to conduct monitoring, sampling and/or dye testing of the facility's storm water discharge.

(D) The city has the right to require the discharger to install monitoring equipment as necessary.

(E) Unreasonable delays in allowing the city access to a facility is a violation of this chapter.

(F) If the city has been refused access to any part of the premises from which storm water is discharged, and is able to demonstrate probable cause to believe that there may be a violation of this section, or that there is a need to inspect and/or sample as part of a routine inspection and sampling program designed to verify compliance with this chapter or any order issued hereunder, or to protect the overall public health, safety and welfare of the community, then the city may seek issuance of a search warrant from any court of competent jurisdiction.

(Ord. 364, passed 2-16-2010)

§ 52.12 SUSPENSION OF STORM SEWER SYSTEM ACCESS.

(A) *Suspension due to illicit discharges in emergency situations.* The city may, without prior notice, suspend storm sewer system discharge access to a person when such suspension is necessary to stop an actual or threatened discharge which presents or may present imminent and substantial danger to the environment, or to the health or welfare of persons, or to the storm sewer system or waters of the state. If the violator fails to comply with a suspension

order issued in an emergency, the city may take such steps as deemed necessary to prevent or minimize damage to the storm sewer system or waters of the state, or to minimize danger to persons.

(B) *Suspension due to the detection of illicit discharge.* Any person discharging to the storm sewer system in violation of this chapter may have their storm sewer system access terminated if such termination would abate or reduce an illicit discharge. A person commits an offense if the person reinstates storm sewer system access to premises terminated pursuant to this section, without the prior approval of the city.

(Ord. 364, passed 2-16-2010)

§ 52.13 ENFORCEMENT.

(A) *Notice of violation.* Whenever the city finds that a person has violated a prohibition or failed to meet a requirement of this section, the city may order compliance by written notice of violation to the responsible person. The notice may require without limitation:

- (1) The performance of monitoring, analyses and reporting;
- (2) The elimination of illicit connections or discharges;
- (3) That violating discharges, practices, or operations shall cease and desist;
- (4) The abatement or remediation of storm water pollution or contamination hazards and the restoration of any affected property;
- (5) Payment of a fine to cover administrative and remediation costs; and
- (6) The implementation of source control or treatment BMPs.

(B) If abatement of a violation and/or restoration of affected property is required, the notice shall set forth a deadline within which such remediation or restoration must be completed. The notice shall further advise that, should the violator fail to remediate or restore within the established deadline, the work will be done by a designated governmental agency or a contractor and the expense thereof shall be charged to the violator.

(C) If the bill received for abatement and/or restoration is not paid within 30 days, the city may draw the amount of the bill from any financial guarantees the city may hold or may assess the property from which the offense originated. After notice and hearing as provided pursuant to M.S. § 429.061, the City Council may then spread the charges against the property benefitted as a special assessment under M.S. § 429.101 for certification to the County Auditor and collection along with the current taxes the following year or in annual installments not

exceeding ten as the Council may determine in each case.

(Ord. 364, passed 2-16-2010)

§ 52.99 PENALTY.

(A) Any person violating any provision of this chapter for which no specific penalty is prescribed shall be subject to § 10.99.

(B) The offending party may be issued an administrative citation for the unsatisfactory condition at the time written notice of violation is given. The city may also enforce M.S. § 169.42 with the maximum penalty for a misdemeanor as prescribed by law.

(Ord. 364, passed 2-16-2010)

TITLE VII: TRAFFIC CODE

Chapter

70. TRAFFIC REGULATIONS

71. PARKING REGULATIONS

CHAPTER 70: TRAFFIC REGULATIONS

Section

Traffic Regulations

- 70.01 State statutes adopted by reference
- 70.02 Definitions
- 70.03 Unreasonable acceleration; prima facie violations

Seasonal Road Restrictions

- 70.15 Seasonal road restrictions; Council authority
- 70.16 Notice requirement
- 70.17 Exception; permission and bond required

(Ord. 362, passed 11-16-2009)

§ 150.192 COLLECTION AUTHORIZED.

The city is authorized to collect inspection costs, as determined from time to time by ordinance, from a property owner who consumes excessive inspection services, or from a person who makes repeated unfounded requests for enforcement. Unpaid excessive inspection costs may be specially assessed against the property in the manner prescribed by law. For § 150.191(A)(1) or (2), excessive consumption of inspection services, double the cost may be imposed.

(Ord. 362, passed 11-16-2009)

CONSTRUCTION SITE RUNOFF CONTROL

§ 150.200 INTENT.

To promote the health, safety and general welfare of the citizens of Spring Lake Park, Minnesota by requiring proper stormwater management practices for construction activity.

(Ord. 365, passed 2-16-2010)

§ 150.201 STATUTORY AUTHORITY.

These regulations are adopted pursuant to M.S. § 462.351.

(Ord. 365, passed 2-16-2010)

§ 150.202 FINDINGS.

The City of Spring Lake Park hereby finds that uncontrolled land disturbing activity at construction sites are subject to soil erosion and other pollutants which enter into receiving water bodies adversely affecting the public health, safety and general welfare by impacting water quality, creating nuisances and impairing other beneficial uses of environmental resources.

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(Ord. 365, passed 2-16-2010)

§ 150.203 PURPOSE.

To promote, preserve and enhance the natural resources within the City of Spring Lake Park and protect them from adverse effects occasioned by poorly sited development or incompatible activities by regulating land disturbing activities that would have an adverse and potentially irreversible impact on water quality; by minimizing conflicts and encouraging proper installation and maintenance of best management practices (BMPs) for land disturbing activities, and by requiring detailed review standards and procedures for land disturbing activities proposed for such areas, thereby achieving a balance between development, redevelopment and protection of water quality.

(Ord. 365, passed 2-16-2010)

§ 150.204 DEFINITIONS.

For the purpose of this subchapter, the following definitions shall apply unless the context clearly indicates or requires a different meaning. When inconsistent with the context, words used in the present tense include future tense, words in the plural number include the singular number and words in the singular number include the plural number. The word “shall” is always mandatory and not merely directive.

APPLICANT. Any person who wishes to obtain a building permit, zoning or subdivision approval.

BEST MANAGEMENT PRACTICE (BMP). Erosion and sediment control and water quality management practices that are the most effective and practicable means of controlling, preventing and minimizing the degradation of surface water, including construction-phasing, minimizing the length of time soil areas are exposed, prohibitions and other management practices published by state or designated area-wide planning agencies.

DETENTION FACILITY. A permanent natural or man-made structure, including wetlands, for the temporary storage of runoff which contains a permanent pool of water.

DISCHARGE. The release, conveyance, channeling, runoff or drainage of storm water including snowmelt from a construction site.

EXPOSED SOIL AREAS. All areas of a construction site where the vegetation (trees, shrubs, brush, grasses, and the like) or impervious surface has been removed, thus rendering the

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soil more prone to erosion. This includes topsoil stockpile areas, borrow areas and disposal areas within the construction site. It does not include stockpiles or surcharge areas of gravel, concrete or bituminous. Once soil is exposed it is considered “exposed soil,” until it meets the definition of **FINAL STABILIZATION**.

FINAL STABILIZATION. Means that all soil-disturbing activities at the site have been completed and that a uniform perennial vegetative cover with a density of 70% of the cover for unpaved areas and areas not covered by permanent structures has been established, or equivalent permanent stabilization measures have been employed. Simply sowing grass is not considered **FINAL STABILIZATION**.

LAND DISTURBING OR DEVELOPMENT ACTIVITIES. Any change of the land surface including removing vegetative cover, excavating, filling, grading and the construction of any structure.

PERSON. Any individual, firm, corporation partnership, franchise, association or governmental entity.

PUBLIC WATERS. Waters of the state as defined in M.S. § 103G.005, Subd. 15.

RETENTION FACILITY. A permanent natural or man-made structure that provides for the storage of storm water runoff by means of a permanent pool of water.

SEDIMENT. Solid matter carried by water, sewage, or other liquids.

STORM WATER POLLUTION PREVENTION PLAN (SWPPP). A joint storm water and erosion and sediment control plan containing the requirements of this subchapter, that when implemented will decrease soil erosion on a parcel of land and off-site nonpoint pollution due to sedimentation.

STRUCTURE. Anything manufactured, constructed or erected which is normally attached to or positioned on land, including portable structures earthen structures, roads, parking lots, paved storage areas, fences and retaining walls.

WATERS OF THE STATE. As defined in M.S. § 115.01, Subd. 22 the term **WATERS OF THE STATE** means all streams, lakes, ponds, marshes, watercourses, waterways, wells, springs, reservoirs, aquifers, irrigation systems, drainage systems and all other bodies of accumulations of water, surface or underground natural or artificial, public or private, which are contained within, flow through, or border upon the state or any portion thereof.

WETLANDS. Lands transitional between terrestrial and aquatic systems where the water table is usually at or near the surface or the land is covered by shallow water. For purposes of this definition, **WETLANDS** must have the following three attributes:

- (1) Have a predominance of hydric soils;

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(2) Are inundated or saturated by surface or ground water at a frequency and duration sufficient to support a prevalence of hydrophytic vegetation typically adapted for life in saturated soil conditions; and

(3) Under normal circumstances support a prevalence of such vegetation.

(Ord. 365, passed 2-16-2010)

§ 150.205 SCOPE AND EFFECT.

(A) *Applicability.* Every applicant for a building permit, subdivision approval, or a permit to allow land disturbing activities greater than or equal to one acre or part of a larger common plan or development greater or equal to one acre, must submit a stormwater pollution prevention plan to the Zoning Administrator. No building permit, subdivision approval, or permit to allow land disturbing activities shall be issued until approval of the stormwater pollution prevention plan or a waiver of the approval requirement has been obtained in strict conformance with the provisions of this subchapter. The provisions of division (B) of this section apply to all land, public or private.

(B) *Exemptions.* The provisions of this subchapter do not apply to:

(1) Any part of a subdivision if a plat for the subdivision has been approved by the City Council on or before the effective date of this subchapter;

(2) A lot for which a building permit has been approved on or before the effective date of this subchapter;

(3) Installation of fences, signs, telephone and electric poles and other kinds of posts or poles;

(4) Emergency work to protect life, limb or property; or

(5) Tilling, planting or harvesting of agricultural, horticultural or forestry crops.

(Ord. 365, passed 2-16-2010)

§ 150.206 STORMWATER POLLUTION PREVENTION PLAN SUBMITTAL PROCEDURES.

(A) *Application.* A written application for stormwater pollution prevention plan

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approval, along with the proposed stormwater pollution prevention plan, shall be filed with the city and shall include a statement indicating the grounds upon which the approval is requested, that the proposed use permitted is by right or as an exception in the underlying zoning district and adequate evidence showing that the proposed use will conform to the standards set forth in this subchapter. Prior to applying for approval of a stormwater pollution prevention plan, an applicant may have the stormwater pollution prevention plan reviewed by the appropriate departments of the city.

(B) Three sets of clearly legible blue or black lined copies of drawings and required information shall be submitted to the Zoning Administrator and shall be accompanied by a receipt evidencing the payment of all required fees for processing and/or financial securities. Drawings shall be prepared to a scale appropriate to the site of the project and suitable for the review to be performed. At a minimum, the scale shall be one inch equals 100 feet.

(C) *Stormwater pollution prevention plan.* At a minimum, the stormwater pollution prevention plan shall contain the following information.

(1) *Existing site map.* A map of existing site conditions showing the site and immediately adjacent areas, including:

(a) The name and address of the applicant, the property identification number, date and scale of drawing and number of sheets;

(b) Location of the tract by an insert map at a scale sufficient to clearly identify the location of the property and giving such information as the names and numbers of adjoining roads, utilities, subdivisions or other landmarks;

(c) Existing topography with a contour interval appropriate to the topography of the land but in no case having a contour interval greater than two feet;

(d) A delineation of all streams rivers, public waters and wetlands located on and immediately adjacent to the site, including depth of water, a description of all vegetation which may be found in the water, a statement of general water quality and any classification given to the water body or wetland by the Minnesota Department of Natural Resources, the Minnesota Pollution Control Agency, and/or the United States Army Corps of Engineers;

(e) Location and dimension of existing storm water drainage systems and natural drainage patterns on and immediately adjacent to the site delineating in which direction and at what rate storm water is conveyed from the site, identifying the receiving stream, river, public water or wetland and setting forth those areas of the unaltered site where storm water collects;

(f) A description of the soils of the site, including a map indicating soil types of areas to be disturbed as well as a soil report containing information on the

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suitability of the soils for the type of development proposed and describing any remedial steps to be taken by the applicant to render the soils suitable;

(g) Vegetative cover and clearly delineating any vegetation proposed for removal; and

(h) One hundred year floodplain, flood fringes and floodways.

(2) *Site construction plan.* A site construction plan including:

(a) Locations and dimensions of all proposed land disturbing activities;

(b) Locations and dimensions of all temporary soil or dirt stockpiles;

(c) Locations and dimensions of all construction site erosion control measures and best management practices (BMPs) necessary to meet the minimum BMP requirements listed in § 150.208; and

(d) Schedule of anticipated start and completion date of each land disturbing activity including the installation of construction site erosion and sediment control measures needed to meet the requirements of this subchapter.

(3) *Plan of final site conditions.* A plan of final site conditions on the same scale as the existing site map showing the site changes and how the site will be stabilized after construction is completed, including finished grading shown at contours at the same interval as provided above or as required to clearly indicate the relationship of proposed changes to existing topography and remaining features.

(a) A landscape plan, drawn to an appropriate scale, including dimensions and distances and the location, type, size at time of planting and description of all proposed landscape materials which will be added to the site as part of the project.

(b) A drainage plan of the final site conditions delineating in which direction and at what rate storm water will be conveyed from the site and setting forth the areas of the site where storm water will be allowed to collect.

(c) The proposed size, location and intended use of any structures to be erected on the site.

(d) A clear delineation and tabulation of all areas which shall be paved or surfaced, including a description of the surfacing material to be used.

(e) Any other information pertinent to the particular project which in the opinion of the applicant is necessary for the review of the project.

(f) Copy of MPCA permit number for discharging storm water from construction activity. (MN R100001)

(Ord. 365, passed 2-16-2010)

§ 150.207 STORMWATER POLLUTION PREVENTION PLAN REVIEW PROCESS.

(A) *Process.* For a subdivision, the stormwater pollution prevention plan shall be submitted with the preliminary plat application. For building and other permits, stormwater pollution prevention plans meeting the requirements of § 150.206 and minimum BMP requirements of § 150.208 will be reviewed by the City Engineer who may approve, approve with conditions, or deny the stormwater pollution prevention plan.

(B) *Duration.* Approval of a plan submitted under the provisions of this subchapter shall expire one year after the date of approval unless construction has commenced in accordance with the plan. However, if prior to the expiration of approval, the applicant makes a written request to the city for an extension of time to commence construction setting forth the reason for the requested extension, the City Council may grant one extension of not greater than one single year. The city shall make a decision on the extension within 30 days of receipt. Any plan may be revised in the same manner as originally approved.

(C) *Condition.* A stormwater pollution prevention plan may be approved subject to compliance with conditions reasonable and necessary to insure that the requirements contained in this subchapter are met. Such conditions may, among other matters, limit the size, kind or character of the proposed development, require replacement of vegetation, establish required monitoring procedures, stage the work over time, or require alteration of the site design.

(D) *Financial security.* Prior to approval of any stormwater pollution prevention plan the applicant shall submit a financial security in an amount specified by the City Council. The securities shall guarantee completion and compliance with conditions within a specific time, which time may be extended in accordance with division (B) of this section. The adequacy, conditions and acceptability of any financial security shall be determined by the City Council.

(Ord. 365, passed 2-16-2010)

§ 150.208 MINIMUM CONSTRUCTION SITE BEST MANAGEMENT PRACTICES.

(A) No stormwater pollution prevention plan which fails to meet the standards contained in this section shall be approved by the City Council or designated representative.

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(B) *Site dewatering.* Water pumped from the site shall be treated by temporary sedimentation basins, grit chambers, sand filters, upflow chambers, hydrocyclones, swirl concentrators or other appropriate controls. Water may not be discharged in a manner that causes nuisance conditions, erosion, scour, or flooding of the site or receiving channels or a wetland. All discharge points must be adequately protected from erosion and scour. The discharge must be dispersed over natural rock riprap, sand bags, plastic sheeting or other accepted energy dissipation measures. Adequate sedimentation control measures are required for discharge water that contains suspended solids.

(C) *Construction site waste.*

(1) *Waste and material disposal.* All waste, unused building material (including garbage debris, cleaning wastes, wastewater, toxic materials or hazardous materials), collected sediment, asphalt and concrete millings, floating debris, paper, plastic, fabric, construction and demolition debris and other wastes must be disposed of properly and must comply with MPCA disposal requirements.

(2) *Hazardous materials.* Oil, gasoline, paint and any hazardous substances must be properly stored, including secondary containment, to prevent spill leaks or other discharge. Restricted access to storage areas must be provided to prevent vandalism. Storage and disposal of hazardous waste must be in compliance with MPCA regulations.

(3) *Liquid Waste.* All other non-storm water discharges (concrete truck washout, vehicle washing, maintenance spills, and the like) conducted during the construction activity shall not be discharged to the municipal storm sewer, wetlands, natural drainageways or waters of the state.

(4) *Sanitary facilities.* Adequate on-site sanitary facilities shall be provided in convenient location(s) for all persons who work on the site.

(D) *Tracking.* Vehicle tracking of sediment onto paved surfaces must be removed by street sweeping as needed to prevent discharge of sediment-laden water from entering the city storm sewer system.

(E) *Drain inlet protection.* All storm drain inlets shall be protected during construction with control measures approved by the City Engineer until final establishment has been accomplished or until approval from the city.

(F) *Site runoff control.* Channelized runoff from adjacent areas passing through the site shall be diverted around disturbed areas, if practical. Diverted runoff shall be conveyed in a manner that will not erode the conveyance at receiving channels. All temporary or permanent drainage channels must be stabilized within 24 hours of being connected to a water of the state. Sediment control is required along channel edges to reduce sediment reaching the channel.

(G) *Site phasing.* All activities on the site shall be conducted in a logical sequence to

minimize the area of base soil exposed at any one time.

(H) *Soil stabilization.* All exposed soil left inactive for 14 or more days must have temporary or permanent stabilization year round.

(I) *Temporary sediment basins.* For sites with more than ten acres disturbed at one time, or if a channel originates in the disturbed area one or more temporary or permanent sedimentation basins shall be constructed. Each sedimentation basin shall have a surface area of at least 1% of the area draining to the basin and at least three feet of depth and constructed in accordance with accepted design specifications. Sediment shall be removed to maintain a depth of three feet. The basin discharge rate shall also be sufficiently low as to not cause erosion, scour, or flooding along the discharge channel or the receiving water.

(J) *Sediment control.* Silt fence or equivalent sediment control measures shall be placed along all side slopes and down slope sides of the site. If a channel or area of concentrated runoff passes through the site, silt fence shall be placed along the channel edges to reduce sediment reaching the channel. The use of silt fence or equivalent sediment control measures must include a maintenance and inspection schedule.

(K) *Stockpile protection.* Any soil or dirt storage piles containing more than ten cubic yards of material should not be located with a downslope drainage length of less than 25 feet from the toe of the pile to a roadway or drainage channel. If remaining for more than seven days, they shall be temporarily stabilized by mulch, vegetation, tarps, or other means and enclosed by a silt fence or equivalent sediment control measures. Stockpiles which will be in existence for less than seven days shall be enclosed by silt fence or equivalent sediment control measure around the pile. In-street utility repair or construction soil or dirt storage piles located closer than 25 of a roadway or drainage channel must be covered with tarps or suitable alternative control, if exposed for more than seven days.

(L) *Inspection and maintenance.* All stormwater management BMPs shall be inspected weekly or after every 1/2-inch rain event by the applicant. If sediment has reached 1/3 the capacity of the sediment control practice, appropriate maintenance or replacement of the BMP must be completed to ensure maximum effectiveness.

(Ord. 365, passed 2-16-2010)

§ 150.209 COMPLETION OF WORK.

Work will be considered complete when all exposed soil areas have undergone final stabilization, as defined in § 150.204; is constructed to finish grade and is in conformance with all permit conditions of approval to the satisfaction of the city. The applicant or representative shall notify the city when the land disturbing operations are ready for final inspection. Final

approval shall not be given until all work, including installation of all drainage facilities and their protective devices, and all erosion control measures, have been completed and final stabilization has occurred in accordance with this subchapter

(Ord. 365, passed 2-16-2010)

§ 150.210 ENFORCEMENT PROCEDURES.

(A) *Right of entry.* The applicant shall promptly allow the city and its authorized representatives, upon presentation of identification, to:

(1) Enter upon the permitted site for the purpose of obtaining information, examination of records, conducting investigations, inspections or surveys;

(2) Bring such equipment upon the permitted site as is necessary to conduct such surveys and investigations;

(3) Examine and copy any books, papers, records, or memoranda pertaining to activities or records required to be kept under the terms and conditions of this permitted site;

(4) Inspect the stormwater pollution control measures; and

(5) Sample and monitor any items or activities pertaining to stormwater pollution control measures.

(B) *Notification by city of failure of the stormwater pollution prevention plan.* If upon inspection by the city or designated representative, the applicant fails to implement the erosion and sediment control practices outlined in the approved stormwater pollution prevention plan or minimum BMP standards outlined in § 150.208, the city will notify the applicant with a letter of failure which outlines the issues of noncompliance and a timeline for completion of any work to bring the site into compliance.

(C) *Failure to conduct corrective work.* When an applicant fails to conform to any provision of this policy within the time stipulated, the city may take the following actions:

(1) Issue a stop work order, withhold the scheduling of inspections, and/or the issuance of a certificate of occupancy;

(2) Revoke any permit issued by the city to the applicant for the site in question or any other of the applicant's sites within the city's jurisdiction;

(3) Direct the correction of the deficiency by city forces or by a separate contract. The issuance of a permit constitutes a right-of-entry for the city or its contractor to enter upon the construction site for the purpose of correcting deficiencies in erosion or sediment

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control; and

(4) All costs incurred by the city in correcting stormwater pollution control deficiencies must be reimbursed by the applicant. If payment is not made within 30 days after costs are incurred by the city, the city may assess the remaining amount against the property. As a condition of the permit, the owner shall waive notice of any assessment hearing to be conducted by the city, concur that the benefit to the property exceeds the amount of the proposed assessment and waive all rights by virtue of M.S. § 429.081 to challenge the amount or validity of assessment.

(D) *Action against the financial security.* If appropriate actions by the applicant have not been completed within seven days after notification by the city, the city may act against the financial security if any of the conditions listed below exist. The city shall use funds from this security to finance any corrective or remedial work undertaken by the city or a contractor under contract to the city and to reimburse the city for all direct costs incurred in the process of remedial work including, but not limited to, staff time and attorney's fees.

(1) The applicant ceases land disturbing activities and/or filling and abandons the work site prior to completion of the city-approved grading plan.

(2) The applicant fails to conform to any city approved grading plan and/or the stormwater pollution control plan as approved by the city, or related supplementary instructions.

(3) The techniques utilized under the stormwater pollution control plan fail within one year of installation.

(4) The applicant fails to reimburse the city for corrective action taken.

(E) *Emergency action.* If circumstances exist such that noncompliance with this subchapter poses an immediate danger to the public health, safety and welfare, as determined by the City Administrator, the city may take emergency preventative action. The city shall also take every reasonable action possible to contact and direct the applicant to take any necessary action. Any cost to the city may be recovered from the applicant's financial security.

(Ord. 365, passed 2-16-2010)

§ 150.999 PENALTY.

(A) Any person violating any provision of this chapter for which no specific penalty is prescribed shall be subject to § 10.99.

(B) Any person, firm or corporation failing to comply with or violating any of the

provisions of §§ 150.200 through 150.210 shall be deemed guilty of a misdemeanor and subject to a fine or imprisonment or both. All land use and building permits must be suspended until the applicant has corrected the violation. Each day that a separate violation exists constitutes a separate offense.

(Ord. 365, passed 2-16-2010)

CHAPTER 151: CONSTRUCTION ON PUBLIC RIGHTS-OF-WAY

Section

Public Rights-of-Way; Construction; Permits

- 151.01 Management of rights-of-way; authority
- 151.02 Definitions
- 151.03 Obstruction or excavation; permit required
- 151.04 Permit application; joint application
- 151.05 Permit issuance; conditions
- 151.06 Permit fees
- 151.07 Patching and restoration
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- 151.11 Notice; inspection
- 151.12 Work done without permit
- 151.13 Supplementary notification
- 151.14 Permit revocation
- 151.15 Mapping data required
- 151.16 Location and relocation of facilities
- 151.17 Damage to other facilities
- 151.18 Right-of-way vacation
- 151.19 Abandoned facilities
- 151.20 Additional obligations
- 151.21 Appeal
- 151.22 Regulatory and police powers reserved

Driveways; Access Lanes; Curb Cuts

Policy 8: The City will review and update city code as necessary to reference the volume control requirements of the jurisdictional watersheds. This policy is consistent with BMP 5-2 in the City's SWPPP.

Goal: Reduce the volume of stormwater runoff from existing developed areas.

Policy 9: The City will coordinate efforts with the local WMOs to minimize impervious surfaces where feasible when reconstructing streets and other paved surfaces and provide volume control mitigation as identified in Policy 7.

Policy 10: Where practical, the City will encourage the use of infiltration BMPs in existing developed areas, taking into consideration site limitations such as soil conditions, depth to groundwater, and maintenance issues.

7.2.4 NUTRIENT AND SEDIMENT LOADING

Goal: Reduce the nutrient and sediment loads discharged from land development or redevelopment.

Policy 11: The City will strive for the non-degradation of receiving waters within the City by enforcing current stormwater management standards, and in cooperation with the local WMOs stormwater management standards.

Policy 12: For the portions of the City within the jurisdiction of RCWD, the nutrient and sediment load requirements are incorporated into RCWDs volume control requirement. The nutrient and sediment load requirements for projects in CCWD are found in Section 9.6 of their rules.

Policy 13: The City will review and update city code as necessary to reference the nutrient and sediment load requirements of the jurisdictional watersheds. This policy is consistent with BMP 5-2 in the City's SWPPP.

Policy 14: The City shall develop an ordinance to address the maintenance of private stormwater BMPs. This policy is consistent with BMP 5-10 in the City's SWPPP.

Policy 15: The City will require outlet skimming up to the 5-year storm event (3.6-inches in 24 hours) High Water Level in all new stormwater ponds.

7.2.5 EROSION AND SEDIMENT CONTROL

Goal: Prevent sediment from construction sites from entering the City's surface water resources.

Policy 16: The City will review and update city code as necessary to include the erosion and sediment control ordinance as outlined in the NPDES MS4 permit. This policy is consistent with BMP 4-2 in the City's SWPPP.

Policy 17: The City will require that erosion and sediment control practices are consistent with the standards identified in the current MPCA Construction General Permit and the Minnesota Stormwater Manual. This policy is consistent with BMP 4-2 in the City's SWPPP.

7.3 RESOURCE MANAGEMENT

Overall Goal: Protect the City's wetlands, lakes, groundwater, and natural areas to preserve the functions and values of these resources for future generations through the Wetland Conservation Act, buffer standards, groundwater protection rules and coordination with outside agencies.

7.3.1 WETLAND MANAGEMENT

Goal: Protect and preserve wetlands to maintain or improve their function and value.

- Policy 18:** The City will defer the administration of Wetland Conservation Act (WCA) responsibilities to RCWD and CCWD for the portions of the City that lie within the jurisdictional boundary of each. As projects are submitted, the City will continue to coordinate WCA activities with RCWD or CCWD.
- Policy 19:** The City will coordinate wetland restoration activities with the local WMOs.
- Policy 20:** The City will require that runoff from new development, redevelopment, or site expansion projects be pre-treated prior to discharge to wetlands in accordance with the requirements of RCWD and CCWD.
- Policy 21:** The City will require that, prior to development activities or public projects, a wetland delineation must be completed, including a field delineation and report detailing the findings of the delineation.
- Policy 22:** The City will require that a wetland inventory and assessment be prepared for any new development, redevelopment, or site expansion project immediately adjacent to a wetland. Minnesota Routine Assessment Methodology (current version) is the required method of assessment for evaluating wetland functions and values.
- Policy 23:** A minimum wetland buffer width around all wetlands shall be consistent with the buffer requirements of the RCWD (Rule F) or CCWD (Section 8.2 of their current rules), depending on the location of the project.

(1976 Code, § 36.09) Penalty, see § 10.99

§ 156.115 SITE PLAN REVIEW.

(A) *Purpose.* It is the policy of the city to encourage excellence in site and building design of commercial and industrial development in zoning districts C-1, C-2, C-3, and I-1. The site plan review enables the City Council to insure that the applicant has made adequate provisions for utilities (sewer, water, and storm sewer), traffic (off-street parking, circulation access), safety precautions (lighting, pedestrian walks, traffic-control signs), and amenities (exterior design, landscaping, and screening).

(B) *Required information for site plans.* A building permit application in the above listed zoning districts shall include 11 copies of site plans presenting the following information:

(1) Complete architectural plans showing the floor plans and elevation of the proposed buildings, and identification of the use of each structure;

(2) Complete plans and specifications for exterior wall finishes proposed for all principal and accessory buildings;

(3) Provision for off-street parking, vehicle storage, internal and external circulation, and supplementary traffic data in sufficient detail to calculate traffic generation, parking requirements;

(4) The type and placement of signs, other than street name signs;

(5) The type and location of firefighting facilities;

(6) The nature and extent of cut and fill and degree of soil compaction, along with related engineering data;

(7) Plans and specifications for facilities for drainage of the lots, if any, and the sites, streets, highways, and alleys, including provisions of storm drainage, culverts, and appurtenant structures and reference to supplementary data for drainage;

(8) Plans and specifications for distribution and service lines for water supply to the building site; wells or other sources of supply;

(9) Plans and specifications for sewage and all liquid or solid waste storage and disposal facilities, including main and secondary collection lines and stub-offs from the secondary collection lines to the building site;

(10) The type, placement, and number of traffic safety signs and traffic-control

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devices;

(11) The type, placement, and number of lighting devices for parking lot and building lighting, including height, wattage, direction of illumination, and expected light intensity;

(12) Barricades and other safety devices;

(13) Complete landscaping and screening plans, including species and sizes of trees and shrubs proposed; and

(14) Complete plans for proposed sidewalks to service parking, recreation, and service areas.

(C) *Procedure for approval of site plans.* Upon receipt of site plans, the Zoning Administrator shall refer copies of the same to the Police Department, the Fire Department, the City Engineer, and other city departments as are appropriate. Each of these departments shall within 15 days advise the Zoning Administrator whether the site plans are in conformance with the provisions of all applicable ordinances and policies of the city insofar as the same fall within the jurisdiction of each particular department. Upon receipt of the comments and advice from the aforementioned departments, the Zoning Administrator shall place the site plan review approval on the agenda of the next regularly scheduled Council meeting for Council action thereon.

(D) *Exceptions to site plan review procedure.* An applicant may not have to present information required by division (B) of this section in cases where the city staff determines that the application will not affect utilities (sewer, water, and storm sewer), traffic (off-street parking, circulation, access), safety precautions (lighting, pedestrian walks, traffic-control signs), or amenities (exterior design, landscaping, and screening).

(1) An applicant will not be required to file a separate site plan review under this section in cases where the site plan review is an integrated part of another independent review made by the city, i.e., special use application.

(2) Under circumstances to be determined by the city staff, an applicant may be permitted to file a partial site plan for that portion of his or her total project that will impact on any of the above- described subjects of concern to the city.

(E) *Building permits.* Following approval of the site plans, the Building Inspector may grant building permits for proposed structures provided that the proposed structure meets the requirements of the city building code and all other applicable city ordinances and regulations.

(F) *Site plan review fees.* The person applying for site plan approval shall fill out and submit an application, in the form prescribed by the city, to the Zoning Administrator. The

application shall be accompanied by a fee as established by resolution of the City Council to cover administrative expenses relating to the site plan review.

(1976 Code, § 36.10) Penalty, see § 10.99

PLANNED UNIT DEVELOPMENTS

§ 156.130 PURPOSE.

(A) The provisions of this subchapter are intended to provide areas which can be developed with some modification of the strict application of regulations of the normal zoning districts in accordance with the provisions and regulations contained herein.

(B) Planned unit developments may be developed within any district with the overall population density, number of living units, or intensity of use permitted to be constructed in general conformance with the provisions of the basic zoning district in which it is located. Higher densities or intensities may be allowed than those permitted in the zoning district with the specific density or intensity determined by the Planning Commission and City Council. However, rather than strictly enforcing the concept of uniformity of building types in each district, this provision will encourage:

- (1) Flexibility in land development to benefit from new technology in building design and construction and land development;
- (2) Variety in the organization of site elements, building densities, and housing types;
- (3) Higher standards of site and building design through the use of trained and experienced land planners, registered architects, or landscape architects to prepare plans for all planned unit developments;
- (4) Preservation and enhancement of desirable site characteristics and open space; and
- (5) More efficient and effective use of land, open space, and public facilities.

(1976 Code, § 37.01)

§ 156.131 PERMITTED USES.

Section 7 – Goals and Policies

7.1 SUMMARY

Surface water management issues within the City are primarily defined by the requirements of current or pending programs. The goals and policies outlined in this plan are grouped by their relationship to the key issues listed below:

- Section 7.2 Land Development and Redevelopment – Goals and policies to prevent flooding and adverse impacts to water resources from land disturbance and impervious surfaces.
- Section 7.3 Resource Management – Goals and policies for managing Spring Lake Park's wetlands, lakes, and groundwater, to preserve and protect these resources.
- Section 7.4 Citywide Program Elements – Goals and policies for managing water resources and drainage systems on a citywide scale, to effectively achieve surface water management goals.
- Section 7.5 Support of Other Agencies – Goals and policies to coordinate local surface water management with the work of watershed management organizations and state agencies.

The following goals and policies reflect current city policy and the City's current SWPPP, as well as additional goals and policies necessary for consistency with the goals and policies of state, regional, and local watershed authorities.

7.2 LAND DEVELOPMENT AND REDEVELOPMENT

Overall Goal: Manage land disturbance and increased impervious surfaces to prevent flooding and adverse impacts to water resources through the cooperation with the stormwater management standards identified by the WMOs with jurisdiction in Spring Lake Park.

7.2.1 RUNOFF RATE

Goal: Control the rate of stormwater runoff from development to reduce downstream flooding and erosion.

Policy 1: Peak runoff rates from regulated new development, redevelopment, or site expansion projects shall not exceed existing rates for the 2-year (2.8-inches in 24 hours), 10-year (4.2-inches in 24-hours), and 100-year (5.9-inches in 24 hours) rainfall events. Rate control below existing rates may be necessary where downstream capacity issues are identified, which will require coordination with the local WMOs and adjacent municipalities. The City will defer to the

jurisdictional watershed regarding the use of NOAA Atlas 14 rainfall depths for calculating peak runoff rates.

Policy 2: The City will review and update city code as necessary to include the rate control policy identified above. This policy is consistent with BMP 5-2 in the City's SWPPP.

Policy 3: The City will require that the maximum duration for rainfall critical event analysis shall be 24 hours. The City will require the use of the hydrograph method of analysis and the SCS Type II storm distribution, unless otherwise required by the use of NOAA Atlas 14 rainfall depths.

7.2.2 FLOOD PREVENTION AND FLOODPLAIN MANAGEMENT

Goal: Provide adequate storage and conveyance of runoff and control development in flood prone areas to protect the public safety and minimize property damage.

Policy 4: The City will require that the low opening elevation of new structures provide a minimum of 2-feet of freeboard above the 100-year High Water Level (the HWL from both TP-40 and NOAA Atlas 14 rainfall depths should be evaluated) and 1-foot of freeboard above the emergency overflow of an adjacent pond, or for areas within the jurisdiction of RCWD, comply with RCWD freeboard requirements in Rule C, Section 9(g), if RCWD requirements are more stringent.

Policy 5: Require on-site mitigation for any loss in existing flood storage volume, unless the 100-year (both TP-40 and NOAA Atlas 14 rainfall depths should be evaluated) floodplain boundary is fully contained on-site, to preserve the existing water storage capacity of all waterbodies in the City and minimize the frequency and severity of high water.

Policy 6: The City will incorporate language into their post construction runoff control ordinance specific to floodplain management, consistent with state and local WMO guidance.

7.2.3 RUNOFF VOLUME

Goal: Reduce pollutant loads and impacts to water bodies and encourage groundwater recharge, by reducing the volume of stormwater runoff from development and redevelopment areas.

Policy 7: The City will defer the enforcement of volume control requirements to RCWD and CCWD for construction projects within their jurisdiction.

Policy 8: The City will review and update city code as necessary to reference the volume control requirements of the jurisdictional watersheds. This policy is consistent with BMP 5-2 in the City's SWPPP.

Goal: Reduce the volume of stormwater runoff from existing developed areas.

Policy 9: The City will coordinate efforts with the local WMOs to minimize impervious surfaces where feasible when reconstructing streets and other paved surfaces and provide volume control mitigation as identified in Policy 7.

Policy 10: Where practical, the City will encourage the use of infiltration BMPs in existing developed areas, taking into consideration site limitations such as soil conditions, depth to groundwater, and maintenance issues.

7.2.4 NUTRIENT AND SEDIMENT LOADING

Goal: Reduce the nutrient and sediment loads discharged from land development or redevelopment.

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